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'Myths of the Shasta Indians of Northern California.'

It is hoped that the following collection will also be published at an early date:

LIVINGSTON FARRAND, Ph.D., professor of anthropology, Columbia University, 'The Alsea Indians of Oregon.'

H. H. ST. CLAIR, 2d, 'Texts collected among the Coos Indians of Oregon.'

The price will be approximately \$2.00 for a volume of three hundred pages, and proportionately for larger or smaller volumes. It is hoped to bring out about two volumes a year.

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SCIENTIFIC NOTES AND NEWS

DR. E. L. NICHOLS, professor of physics at Cornell University, president of the American Association for the Advancement of Science, was elected president of the American Physical Society at the New York meeting.

PROFESSOR GEORGE F. ATKINSON, of Cornell University, has been elected president of the Botanical Society of America.

OFFICERS of the Association of American Geographers were elected at the New York meeting as follows:

President—Professor Angelo Heilprin, Sheffield Scientific School.

First Vice-president—Professor Ralph S. Tarr, Cornell University.

Second Vice-president—Mr. G. W. Littlehales, U. S. Hydrographic Office, Washington, D. C.

Secretary and Treasurer—Professor A. P. Brigham, Colgate University.

Councillors—Professor W. M. Davis, Harvard University; Mr. Cyrus C. Adams, American Geographical Society; Professor J. Paul Goode, University of Chicago.

THE Brazilian government proposes to establish a national geological survey under the direction of Dr. O. A. Derby, who was for many years geologist of the state of S. Paulo. Dr. Derby went to Brazil in 1875 as a member

of the extinct Comissão Geologica, of which Professor C. F. Hartt was the chief. He has lived in Brazil ever since, and is the leading authority on Brazilian geology.

THE lords commissioners of the admiralty have appointed Sydney S. Hough, Esq., F.R.S., chief assistant to the astronomer at the observatory, Cape of Good Hope, to be astronomer at that observatory on the retirement of Sir David Gill, K.C.B.

PROFESSOR ARTHUR SCHUSTER has resigned his position as Langworthy professor of physics and director of the physical laboratories at Manchester. Dr. Schuster's connection with the university dates from 1871, when he entered Owens College as a student. In 1873 he held the post of demonstrator under Professor Balfour Stewart, and in 1881 he was appointed to the newly created chair of applied mathematics, which he resigned to become professor of physics in 1888. Both the council and the senate have placed on record by formal resolutions their regret at Professor Schuster's resignation.

PROFESSOR L. C. MIALL, D.Sc., F.R.S., will retire from the chair of botany in the University of Leeds in June, after thirty-one years' service.

DR. G. R. PARKIN has sailed from Liverpool to supervise the examinations for Rhodes scholarships throughout Canada and the United States. His address till the middle of February will be McGill University, Montreal.

MR. H. J. MACKINDER, M.A., director of the London School of Economics, has been appointed to represent the university at the Ninth International Congress of Geography to be held at Geneva in the summer of 1908.

SIR ALFRED JONES, president of the British Cotton-growing Association, has invited a party to accompany him to the West Indies in the interests of cotton-growing in the British colonies.

ON December 18 Dr. William Osler unveiled a portrait of the late Dr. J. E. Graham, formerly professor of medicine in Toronto University, a gift by the widow and son, Dr. J. S. Graham, to the Ontario Medical Library.

THE REV. ALEXANDER HARPER, M.A., Wishaw, has presented to the University of

Aberdeen with a fine collection of precious stones "in memorial recognition of the scientific eminence, personal worth, and perennial influence of James Nicol, professor of natural history, 1853-78."

THE deaths are announced of Dr. Karl Garzarolli, associate professor of chemistry at Vienna, and of Professor Lorenzo Tenchini, professor of anatomy at Palma.

THERE will be a civil service examination on February 5, to fill the position of chief food and drug inspection chemist in the Bureau of Chemistry of the Department of Agriculture at a salary of \$3,000, and of food and drug inspectors, at salaries of \$2,000. On the same day there will also be an examination for assistant in sugar-beet investigations at a salary of \$1,200 to \$1,400.

AN examination will be held in Chicago on January 22, under the direction of the Civil Service Commission, to select a psychopathologist for the Cook County Insane Hospital, Dunning. The salary is fixed at \$2,400, in addition to living expenses, and an excellent opportunity for original research is furnished.

THE honorary treasurer of the Imperial Cancer Research Fund has received from Mr. and Mrs. Bischoffsheim the munificent donation of £40,000 on the occasion of the celebration of their golden wedding.

THE International Association of Academies will hold its third general meeting at Vienna, beginning on May 29.

THE Astronomical and Astrophysical Society of America at the New York meeting during convocation week reelected its former officers and determined that its next meeting shall be held in the summer of 1908. The president is E. C. Pickering, of Cambridge, Mass.; the secretary is G. C. Comstock, of Madison, Wis.

THE American Forestry Association held its annual meeting at Washington beginning on January 9. The report of the board of directors was read by Dr. Thomas E. Wills, secretary, and addresses were made by Secretary Wilson, Mr. Gifford Pinchot, Professor H. S. Graves and others.

THE New York Association of Biology Teachers will hold its annual meeting at the High School of Commerce on the evening of January 25. Professor Gary N. Calkins, of Columbia University, will speak informally on 'The Life Cycle of Protozoa.'

THE preliminary program of the seventh meeting of the Congress of American Physicians and Surgeons on May 7, 8 and 9, has been issued. Sixteen national societies devoted to the medical sciences will meet in affiliation at the congress. The program of the congress itself is as follows:

Tuesday, May 7, 3 P.M.—'The Historical Development and Relative Value of Laboratory and Clinical Methods in Diagnosis.'

DR. WILLIAM OSLER, of Oxford, England: 'The Evolution of the Idea of Experiment in the Study of Medicine.'

DR. LEWELLYS F. BARKER, of Baltimore, Md.: 'On Neurological and Psychiatric Diagnosis.'

DR. ALFRED STENGEL, of Philadelphia, Pa.: 'On Chemical and Biological Diagnosis.'

DR. RICHARD H. CABOT, of Boston, Mass.: 'On Physical Diagnosis.'

Followed by a discussion by Prof. Fred'k Müller, of Munich, Dr. George Blumer, of New Haven, and others.

8 P.M.—Address by the President of the Congress, Reginald H. Fitz, M.D., LL.D. To be followed by a reception.

Wednesday, May 8, 3 P.M.—'The Comparative Value of the Medical and Surgical Treatment of the Immediate and Remote Results of Ulcer of the Stomach.'

DR. JOHN H. MUSSER, of Philadelphia, Pa., and DR. CHARLES G. STOCKTON, of Buffalo, N. Y.: 'On the Indications for, the Methods of, and the Results to be expected in the Medicinal Treatment.'

DR. WILLIAM J. MAYO, of Rochester, Minn.: 'On Surgical Treatment of Acute Ulcers of the Stomach, including Perforations and Hemorrhage'; and DR. JOHN C. MUNRO, of Boston, Mass.: 'On Chronic Ulcers and the Indications for Surgical Treatment.'

Followed by a discussion by Mr. B. G. A. Moynihan, of Leeds, England; Dr. A. Jacobi, of New York; and others.

Thursday Evening, May 9, 8 P.M.—Smoker.

THE permanent commission of the International Seismological Association has resolved to hold a competition for the construction of

a seismometer recording the movements of the soil during earthquakes which have their origin near the place of observation. The instrument must satisfy the following conditions: (1) It must be able to register both horizontal and vertical movements. (2) It must be of simple construction. The record must give a magnification of not less than 40 to 50 times. (3) The selling price of the instrument, with the registering apparatus, must be as low as possible (\$75 approximately). Four prizes are offered, having the respective values of about \$250, \$175, \$125 and \$75. The instruments must be sent at the expense and risk of the competitors to the Vice-president of the Association, Dr. J. P. van der Stok, De Bilt, Netherlands, before September 1, 1907, and are to be exhibited at the general meeting of the association which will be held at The Hague during the month of September. The efficiency of the instrument will be investigated at the Central Bureau, Strasburg, and the awards will be determined by a jury composed of five seismologists chosen by the permanent commission. The results will be announced at Easter, 1908. For further particulars apply to Professor G. Gerland, director of the Central Bureau, Strassburg i. E.

DURING the past season, Dr. W. W. Atwood began an investigation of the more important coal fields of Alaska. This work will probably occupy at least three years and will include (1) a broad study of the coal-bearing formations with the aim of correlating the coal horizons in the different portions of the territory, (2) a comparative study of the coals, including the sampling for analysis of all workable coal seams investigated, (3) estimates of the amount of coal available, and (4) a study of the methods of mining and marketing Alaskan coals. The plan for the first season was to visit the Controller Bay and Cook Inlet coal fields. The early part of the second season, 1907, will probably be spent in south-eastern Alaska, but most of that summer's work will be done in the interior. It is expected that during 1908 the studies along the coast will be resumed and pushed westward so

as to include all important coal fields on the Alaskan peninsula and neighboring islands.

THE secretaries of the organizing committee on the union of medical societies having their headquarters in London, have written to the *British Medical Journal* as follows: Twelve societies have decided to join the union, namely: British Electro-Therapeutic; British Gynæcological; British Laryngological, Rhinological, and Otological; Clinical of London; Dermatological of Great Britain and Ireland; Dermatological of London; Epidemiological; Neurological; Odontological of Great Britain; Obstetrical of London; Pathological of London; Royal Medical and Chirurgical. Four societies are willing to join under certain conditions, namely: British Balneological and Climatological; Laryngological of London; Otological of the United Kingdom; Therapeutical. In the case of some societies, such as the Anatomical of Great Britain and Ireland, the Physiological, the Medico-Psychological, and the Medico-Legal, there are peculiar difficulties, but the members of certain of these societies have indicated their willingness to form similar sections in the new society. Five societies have definitely refused to join the union, namely: Life Assurance Medical Officers' Association, Medical Society of London, Ophthalmological Society of the United Kingdom, Society of Anæsthetists, Society for the Study of Diseases of Children. The first meeting of the representatives of the societies which are forming the union will be held at 20 Hanover Square on Friday, January 18, at 5 p. m.

THE U. S. Geological Survey has published a report by Messrs. C.-E. A. Winslow and Earle B. Phelps of their investigations on the purification of Boston sewage. In an introductory chapter written by Professor William T. Sedgwick the explanation is made that an anonymous friend of the Massachusetts Institute of Technology had, in 1902, presented to that institution the sum of \$5,000 a year for three years, for the purpose of making experiments on sewage purification and of giving the widest possible publicity to means or methods by which the present too often crude and imperfect systems may be improved.

It was decided to establish a sanitary research laboratory and sewage experiment station on the main trunk sewer of the south metropolitan system of the city of Boston. Professor Sedgwick was made director of the work, Mr. Winslow was installed as biologist in charge of the laboratory and station, and Mr. Phelps as research chemist and bacteriologist. The report now made by them is not final, for experiments are still in progress, the donor of the original gift having consented to continue the work for the fourth and fifth years.

UNIVERSITY AND EDUCATIONAL NEWS

ANNOUNCEMENT has been made that Mr. John D. Rockefeller will endow the University of Chicago with \$3,000,000 to maintain a pension fund, the institution having been excluded from the scope of the Carnegie Foundation, owing to its denominational control.

It is also reported that Mr. Rockefeller has agreed to give \$2,000,000 for the endowment of a university for Louisville, provided a similar amount is raised by those interested in the new institution. A plan has been practically agreed upon whereby the University of Louisville will unite with the proposed universities of the Baptist and Methodist churches, and property now occupied by the House of Refuge will be donated by the city as the site for the university. The Methodist church has already at hand \$250,000. The Baptist church has promised \$260,000, and the University of Louisville has pledged for over \$200,000.

THE chair of chemistry at the University of Pennsylvania, held by Dr. Edgar F. Smith, vice-provost of the university, has been anonymously endowed by a gift of \$100,000.

MR. SAMUEL W. BOWNE has given to Syracuse University, of which he is a trustee, a chemical laboratory, costing \$100,000.

THE packing interests of Chicago have offered to the University of Illinois the sum of \$250,000 with which to establish in that city a veterinary college.

THE vice-chancellor of the University of Cambridge announces recent contributions to

the benefaction fund: £5,000 from the Goldsmiths' Company to the library; £2,500, part of the sum received in response to the appeal on behalf of the library; £1,600, resulting from the general appeal of the Cambridge University Association to general university purposes; £904 for the building fund for the new Museum of Archeology and Ethnology. Also subscriptions of £12,325 (including £5,000 from the Drapers' Company, and £1,000 each from six individual contributors) towards the building fund of the department of agriculture.

GLASGOW UNIVERSITY has received £6,500 from Mr. John S. Dixon, to raise the lectureship in mining to the status of a chair; and £5,000 from the Graham Young trustees towards the endowment of a lectureship in metallurgical chemistry.

THE professorship of pure and applied mathematics in the University of Otago is vacant. Particulars can be obtained from the High Commissioner for New Zealand, 13 Victoria Street, London, S.W.

PROFESSOR B. E. FERNOW, formerly director of the New York State College of Forestry at Cornell University, has been appointed to organize a forest department in the State College of Pennsylvania on the same lines as the Cornell institution, making it a first-class undergraduate forestry school.

MR. J. F. BREAZEALE, of the Bureau of Soils, has been appointed assistant professor of experimental agronomy at the Pennsylvania State College. He will make a study of the rotation fertilizer plots which have been conducted by that station for twenty-four years. Mr. C. L. Cook and Mr. F. R. Reid have been assigned by the Bureau of Soils to assist in these and make other soil investigations. Mr. C. F. Shaw has been appointed instructor in agronomy and Mr. J. H. Barron assistant in experimental agronomy.

PROFESSOR ERNEST RUTHERFORD, Macdonald professor of physics in McGill University, has been appointed to succeed Professor Schuster as Langworthy professor and director of the physical laboratories at the University of Manchester.